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Fig.1

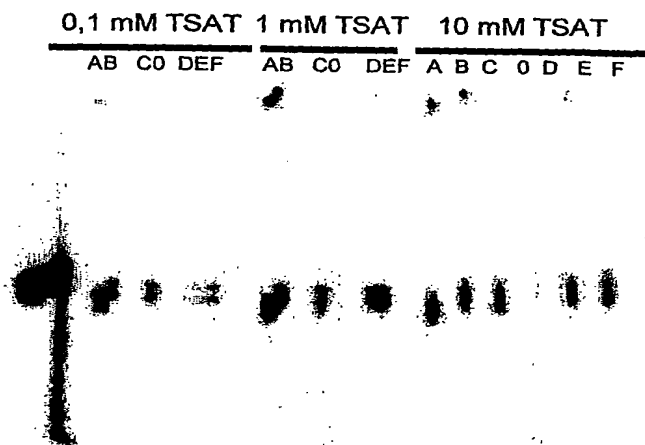
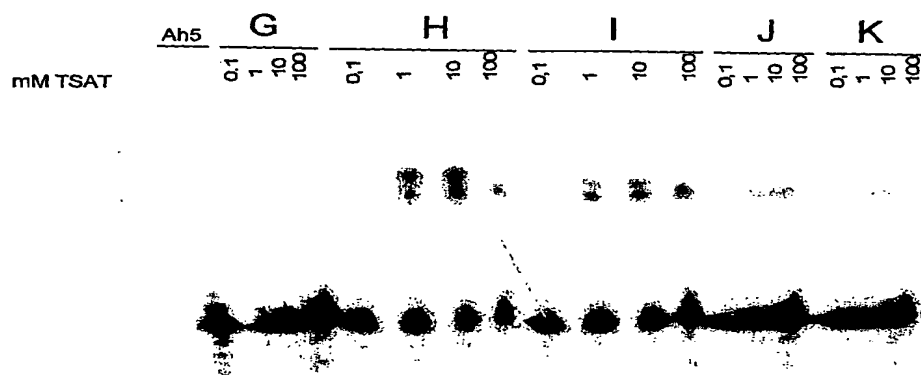


Fig.2



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Fig. 3

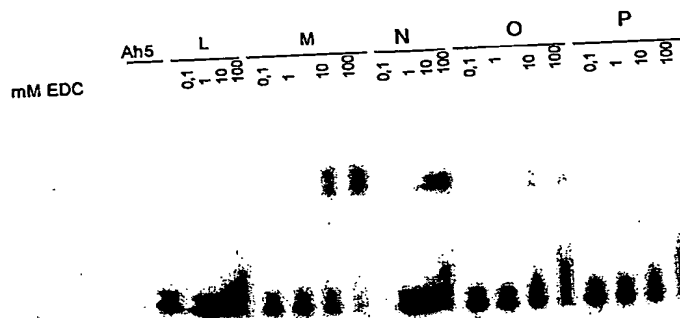
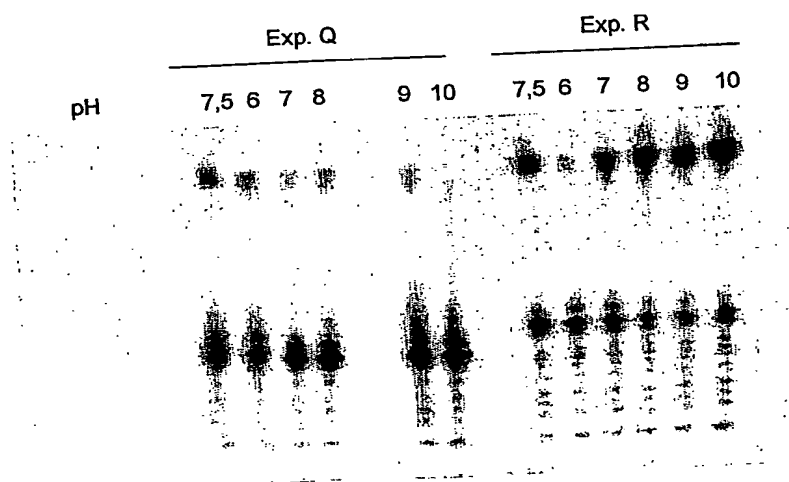


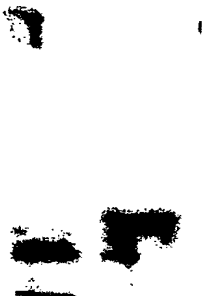
Fig. 4



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Fig.5

| | Exp. S | Exp. T |
|----|--------|--------|
| pH | 7,5 10 | 7,5 10 |



A

Fig. 6

| | Buffer A | Buffer B, Then Buffer C | Buffer D |
|-------|-------------------------------|-------------------------------|----------|
| | U _A V _A | U _B V _B | X Y |
| Ah 23 | | | |
| Ah 24 | | | |

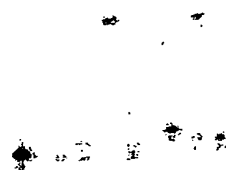


Fig. 7

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1 2 3 4 5 Ah23

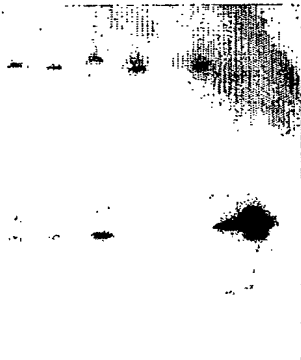
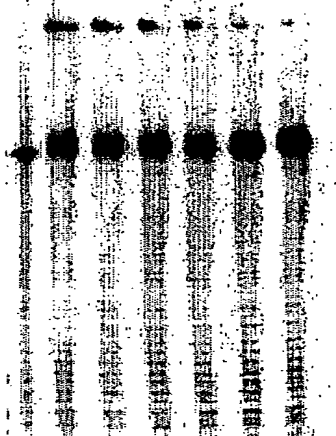


Fig. 8

Ah-36 45° 48,2° 53° 58,5° 63,1° 65,6°
+/- Ah38



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Fig. 9A

| Incubation temperatur | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-----------------------|---|---|---|---|---|---|---|---|---|----|----|----|
| +/-Ah38 | + | + | + | + | + | + | + | + | + | + | + | + |

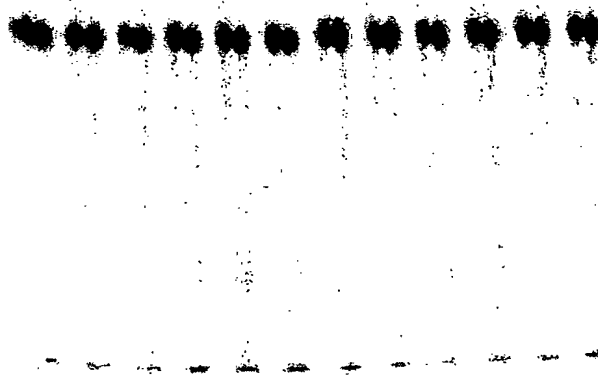


Fig. 9B

| Incubation temperatur | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|-----------------------|---|---|---|---|---|---|---|---|
| +/-Ah38 | + | - | + | - | + | - | + | - |



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Fig. 10A

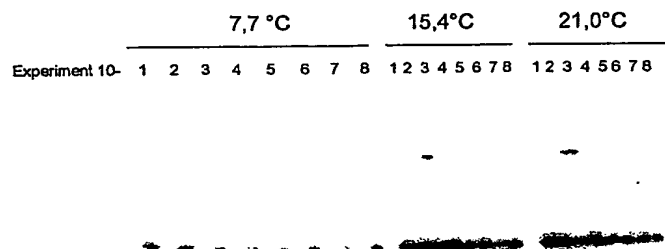
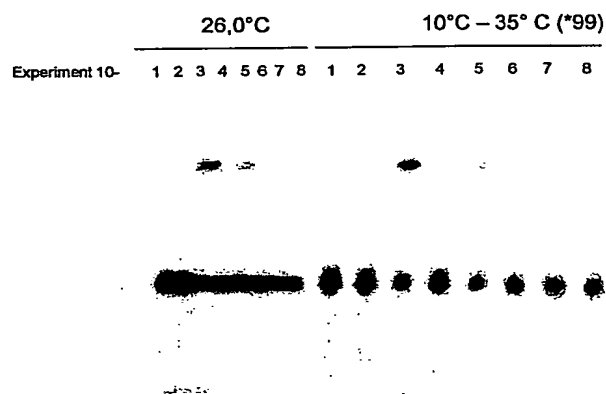
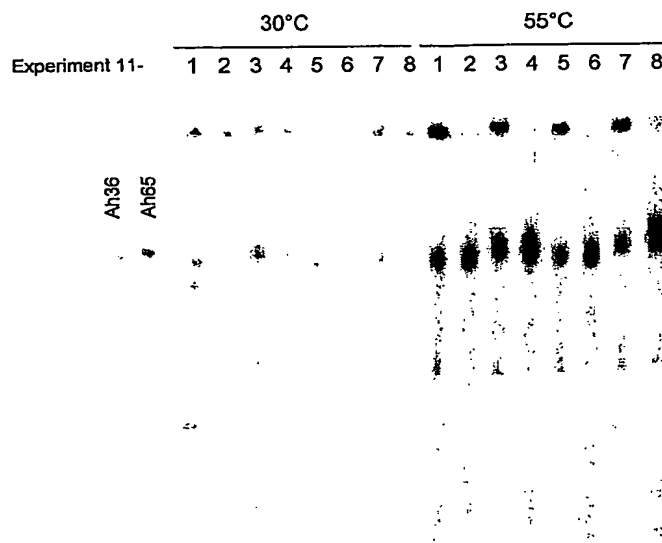


Fig. 10B



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Fig.11



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Fig. 12

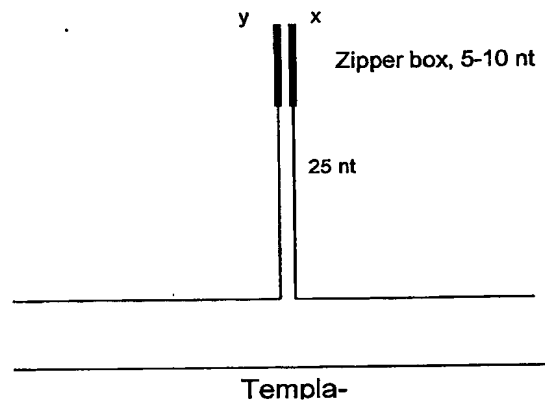
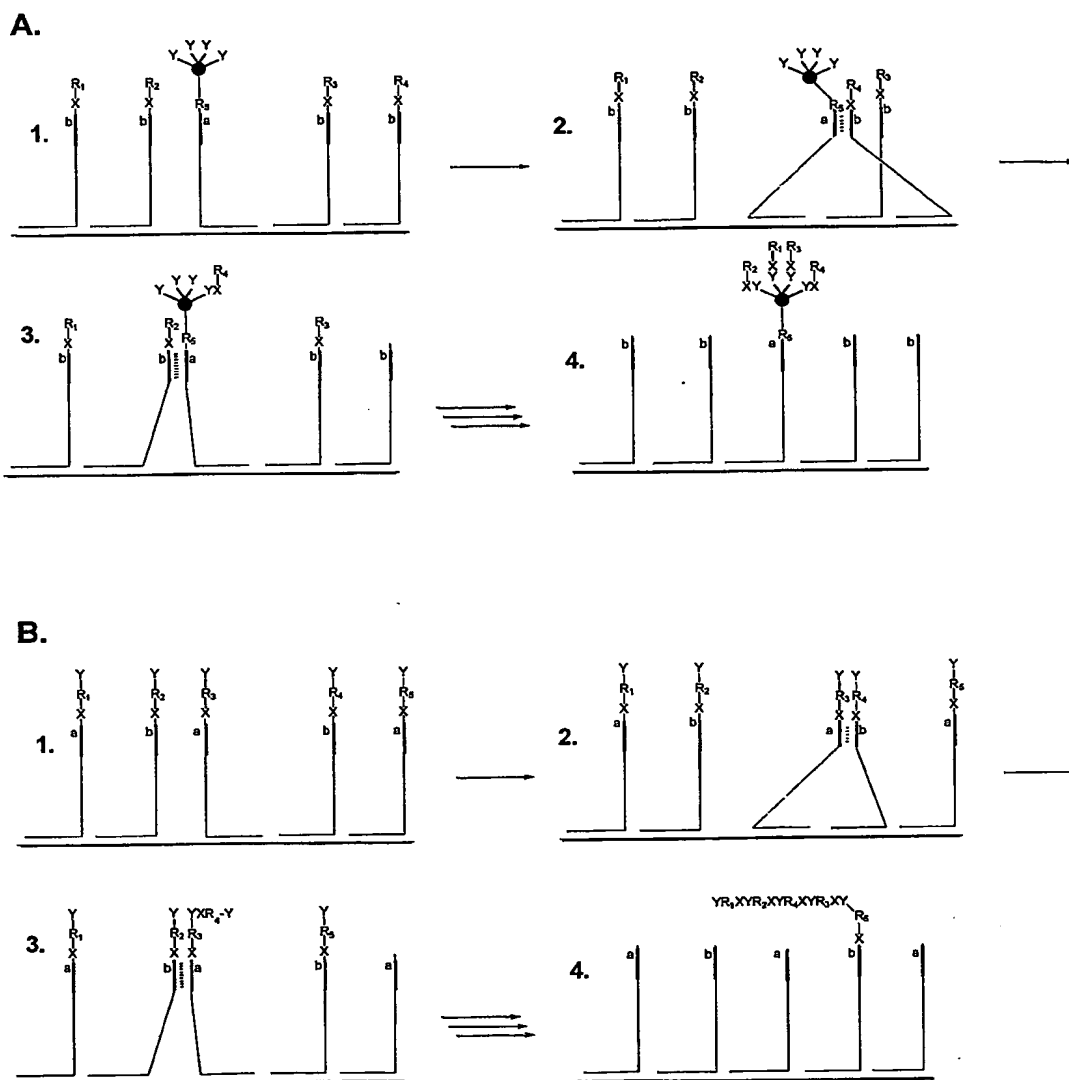
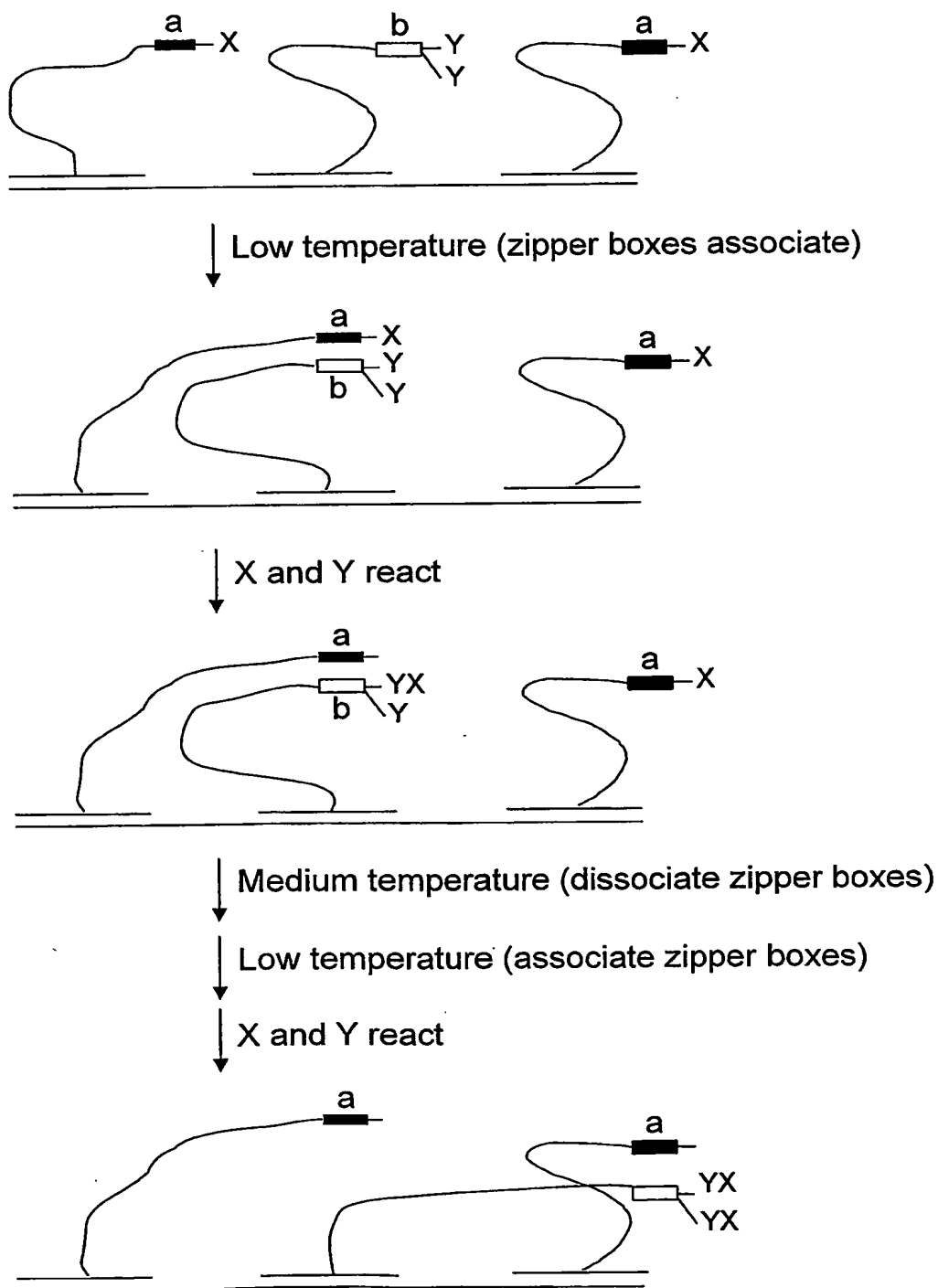


Figure 13

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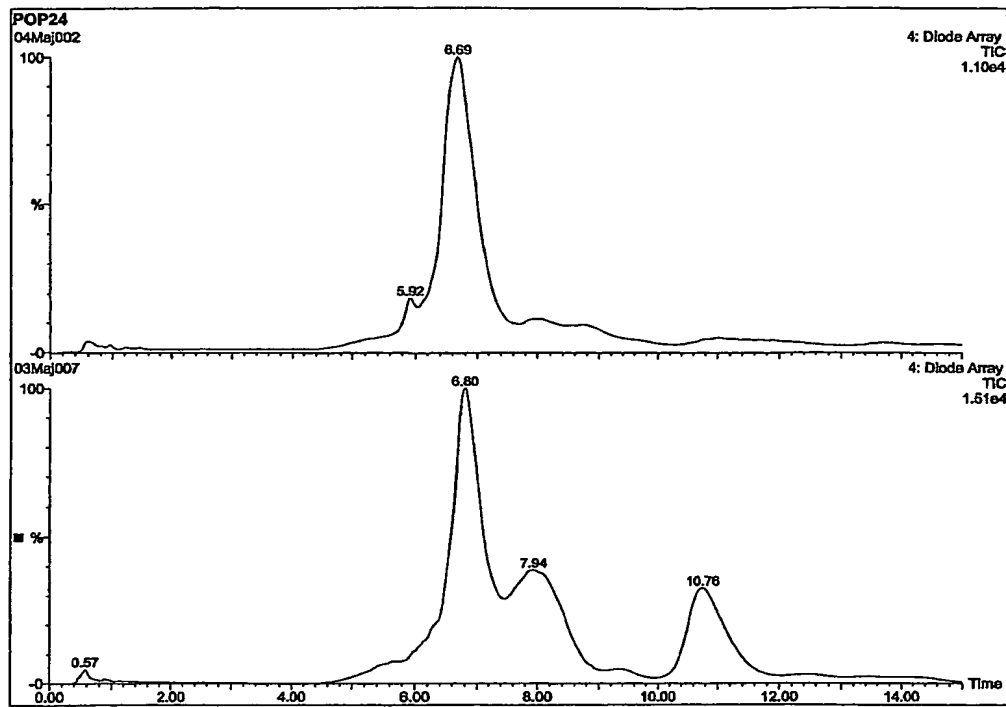


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Figure 14 The Zipper box principle.

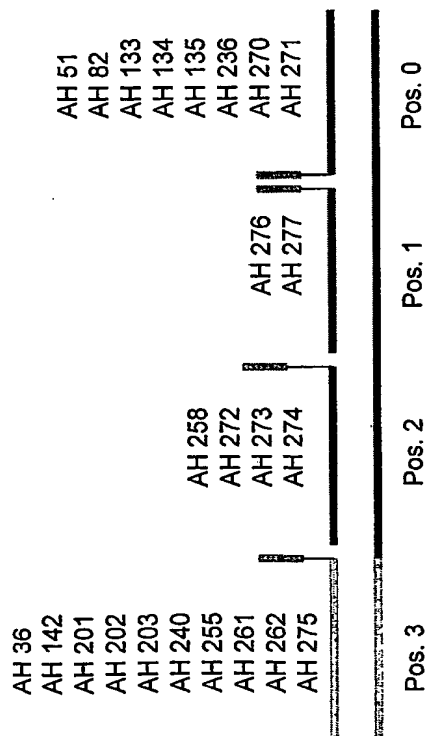
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Fig. 15.

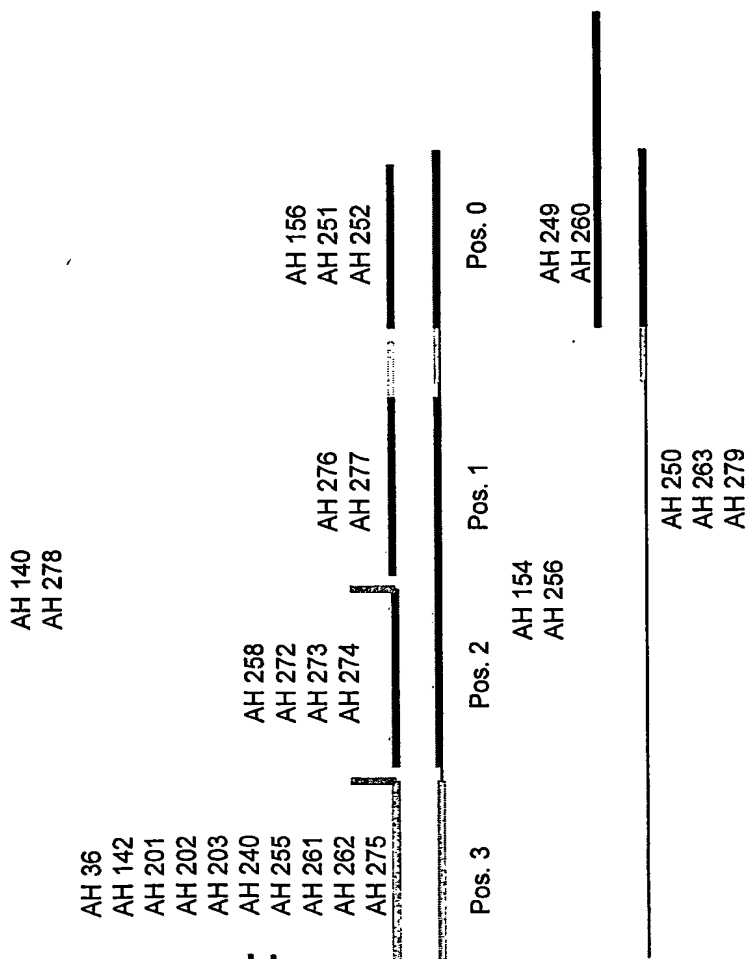


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Fig. 16
Setup A:

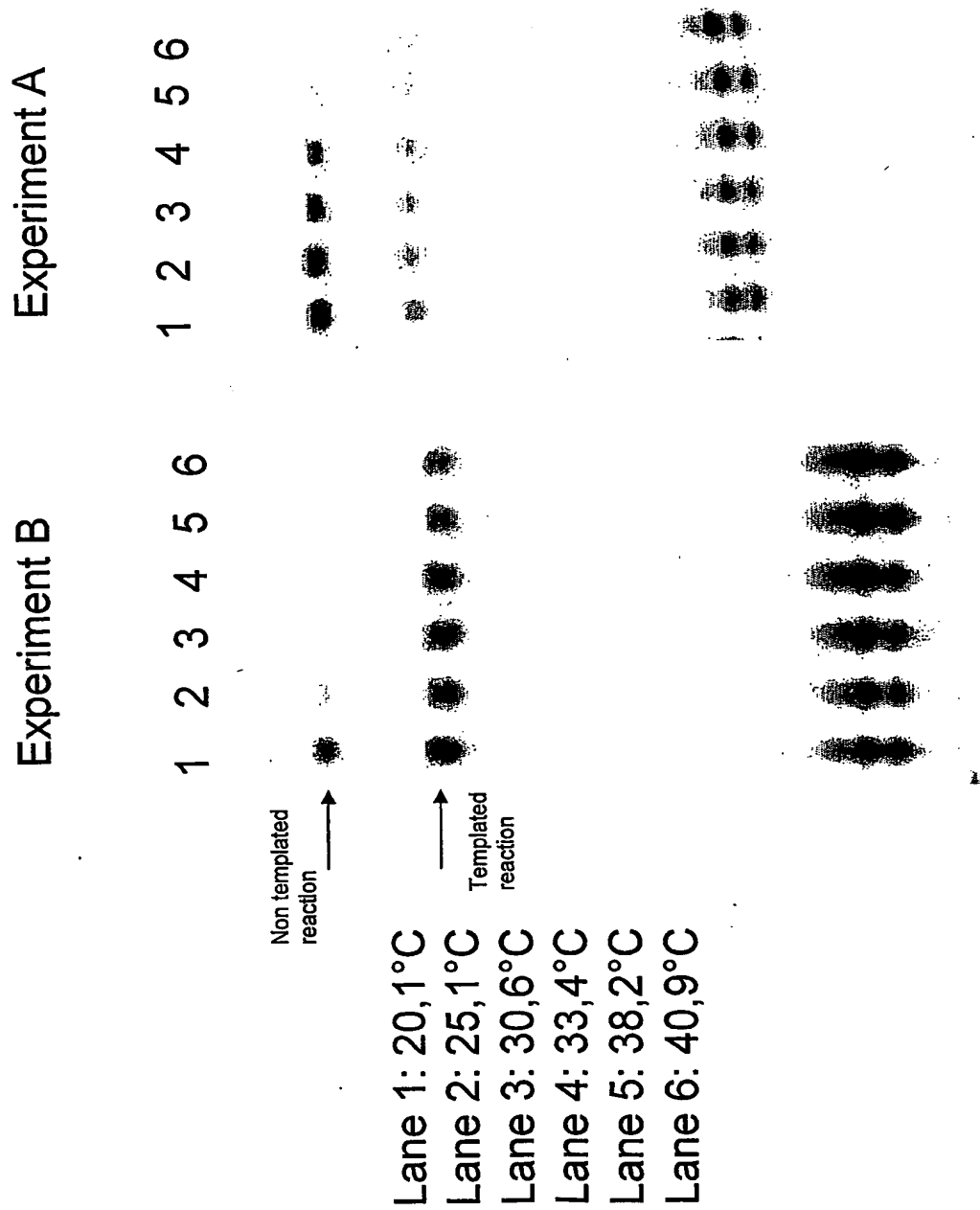


Setup B:



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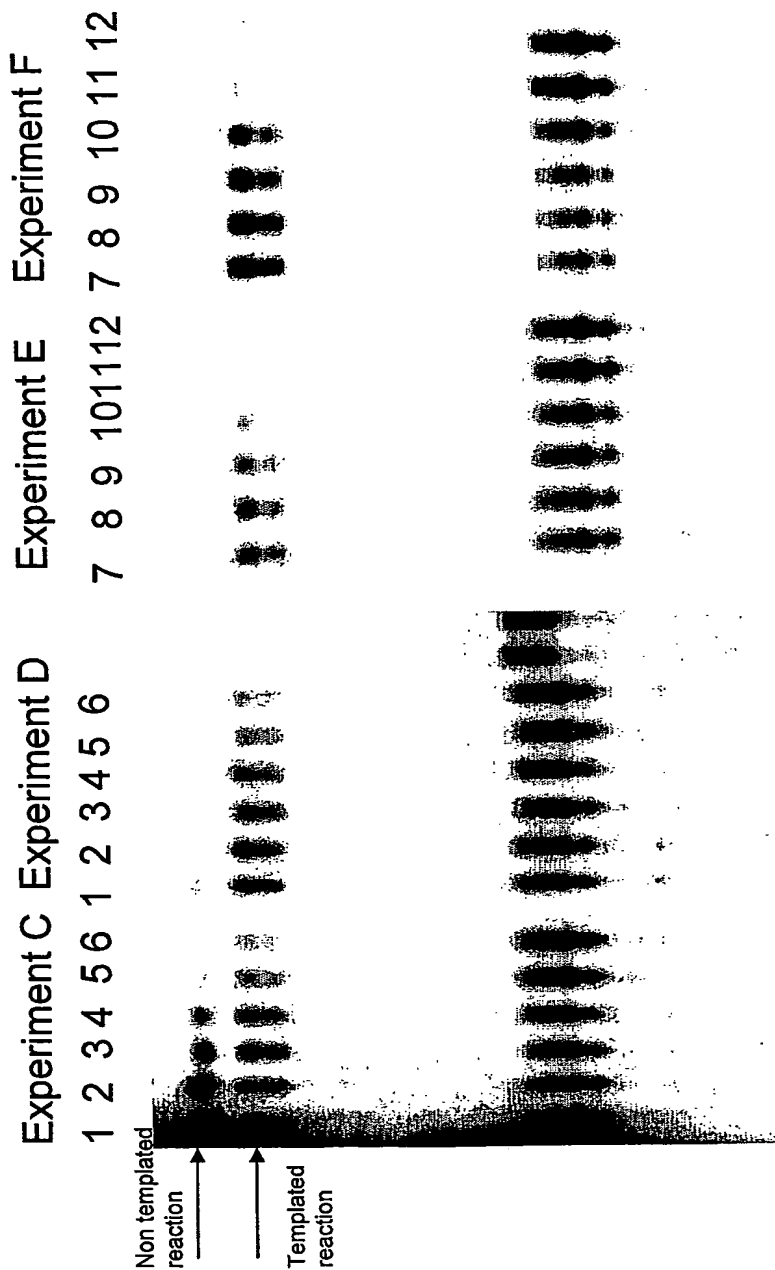
Fig. 17



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Fig. 18

Lane 1: 20,1°C
Lane 2: 25,1°C
Lane 3: 30,6°C
Lane 4: 33,4°C
Lane 5: 38,2°C
Lane 6: 40,9°C
Lane 7: 24,9°C
Lane 8: 27,9°C
Lane 9: 32,8°C
Lane 10: 38,4°C
Lane 11: 43,2°C
Lane 12: 45,9°C



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Experiment B
1 2 3 4 5 6

Experiment A
1 2 3 4 5 6

Lane 1: 20;
Lane 2: 25;
Lane 3: 30;
Lane 4: 33;
Lane 5: 38;
Lane 6: 40;

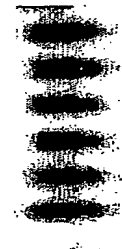
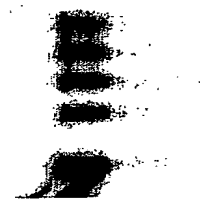
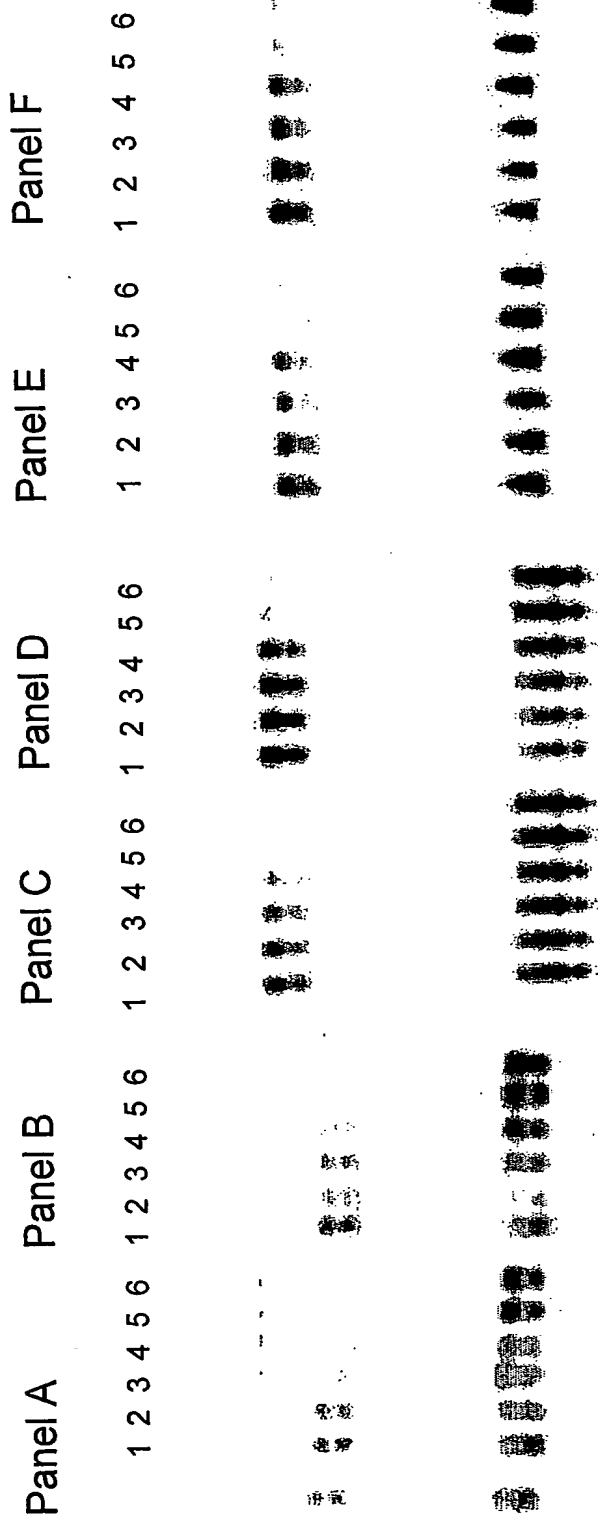


Fig. 19

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Lane 1: 24,9°C
Lane 2: 27,9°C
Lane 3: 32,8°C
Lane 4: 38,4°C
Lane 5: 43,2°C
Lane 6: 45,9°C

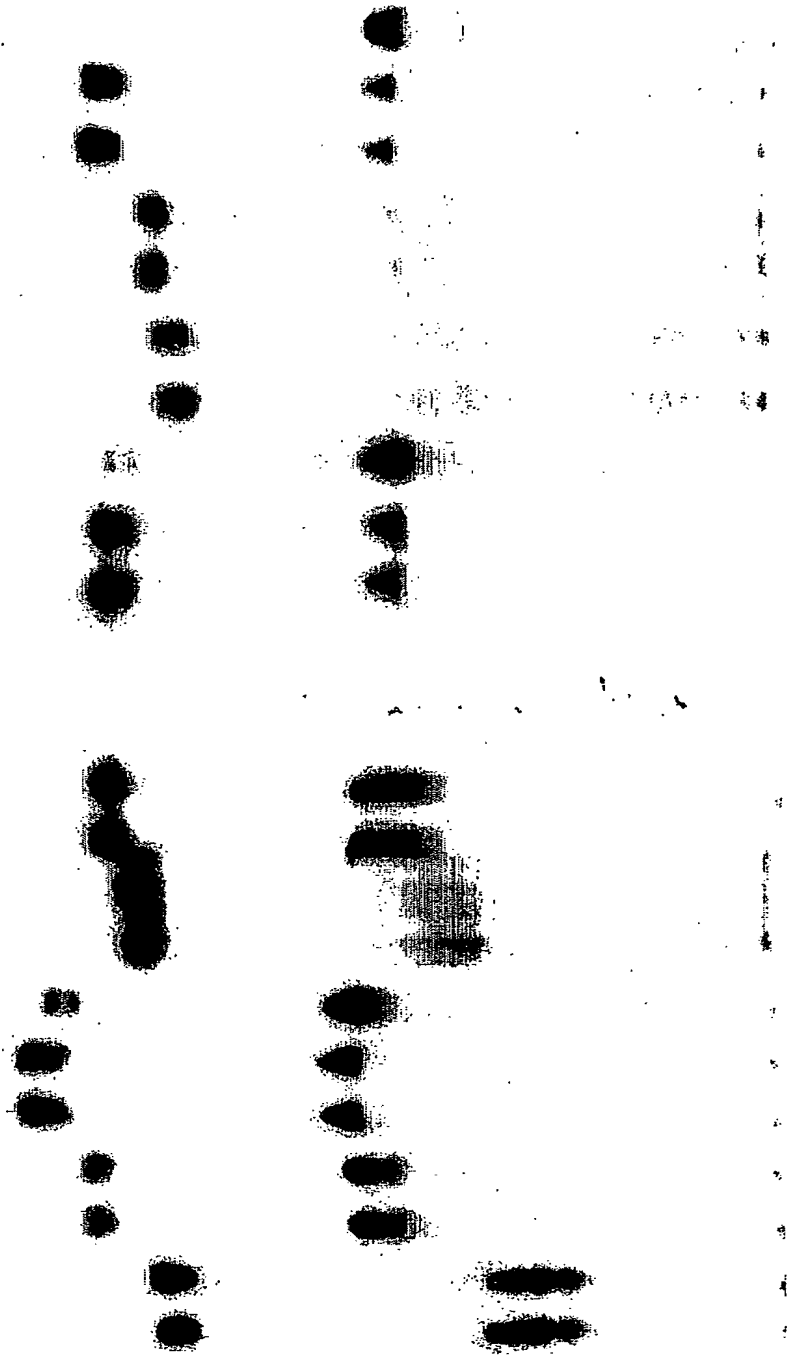
Fig. 20



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Fig. 21

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21



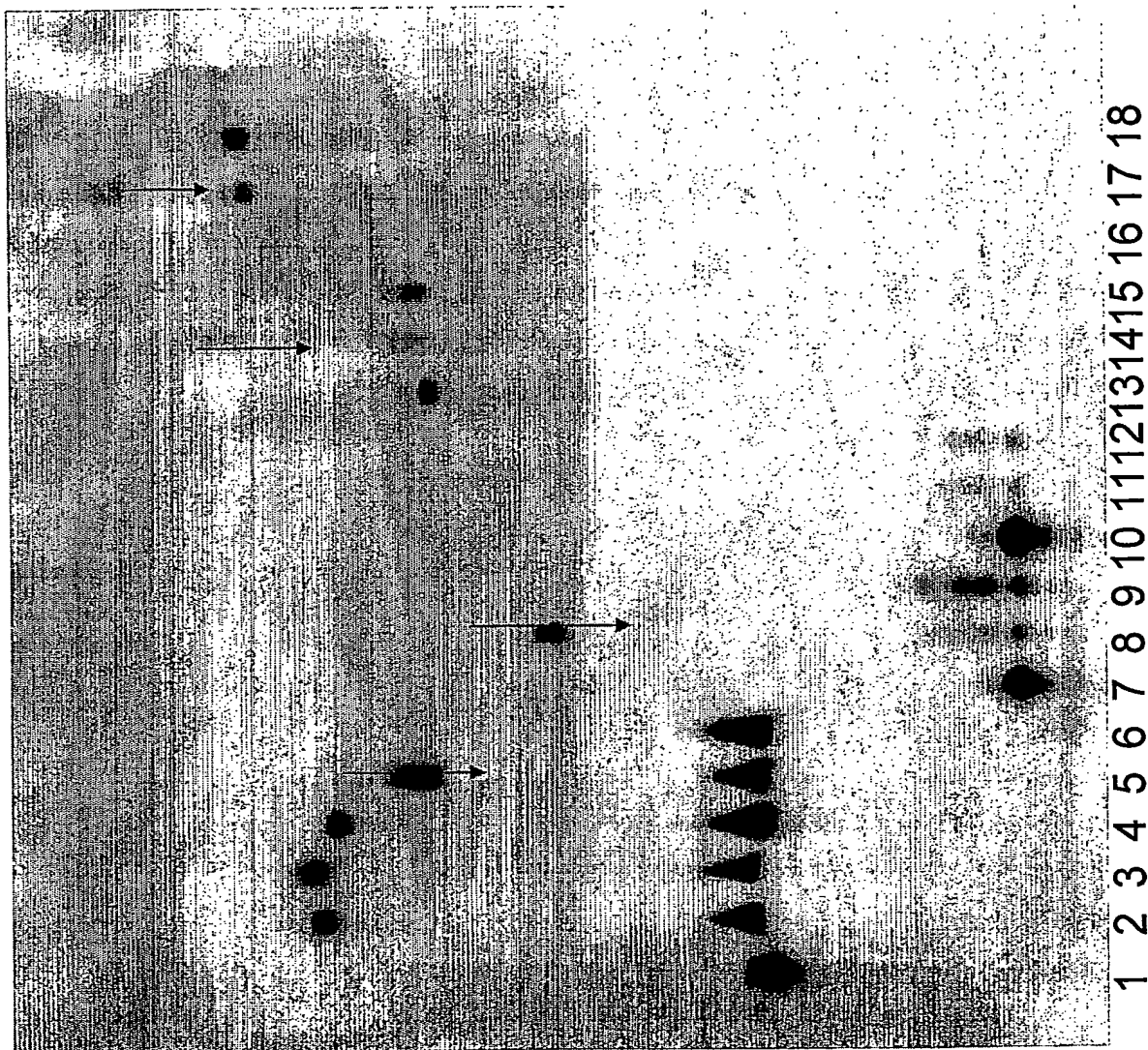


Fig. 22

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1: 9,9°C
2: 15°C
3: 17,6°C
4: 23,3°C
5: 28,3°C
6: 31,7°C
7: 33°C
8: 35,3°C
9: 40,7°C
10: 43,4°C
11: 46,0°C
12: 50,8°C

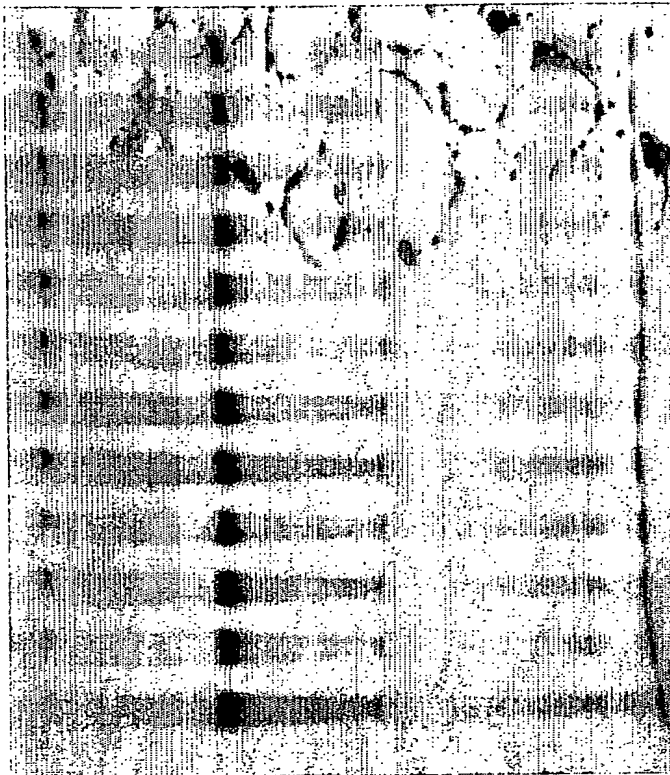
Fig. 23

Experiment A and B

1 2 3 4 5 6 7 8 9 10 11 12
AB AB AB AB AB AB AB AB AB AB AB AB

Experiment C and D

12 11 10 9 8 7 6 5 4 3 2 1
DC DC DC DC DC DC DC DC DC DC DC DC



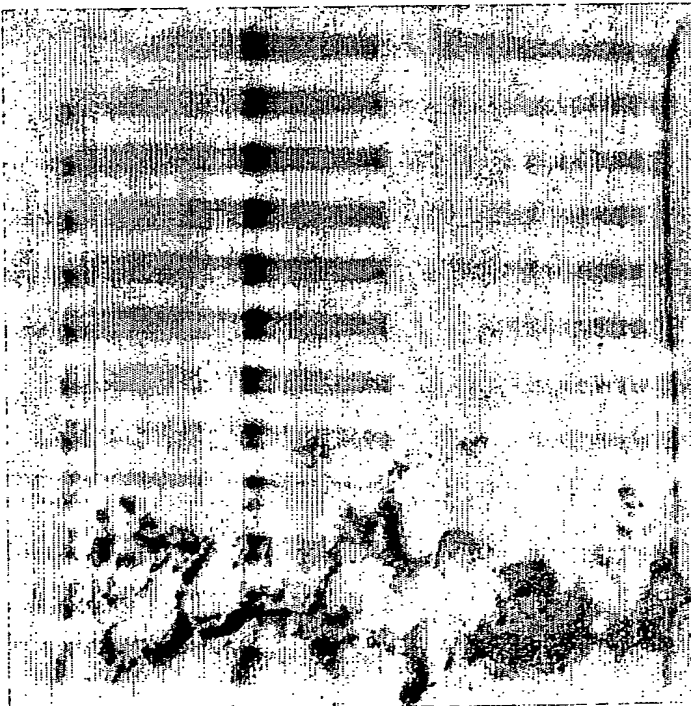
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1: 9,9°C
2: 15°C
3: 17,6°C
4: 23,3°C
5: 28,3°C
6: 31,7°C
7: 33°C
8: 35,3°C
9: 40,7°C
10: 43,4°C
11: 46,0°C
12: 50,8°C

Fig. 24

Experiment E and F

1 2 3 4 5 6 7 8 9 10 11 12
EF EF EF EF EF EF EF EF EF EF EF EF



Experiment G and H

1 2 3 4 5 6 7 8 9 10 11 12
GH GH GH GH GH GH GH GH GH GH GH GH

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A B C D E F

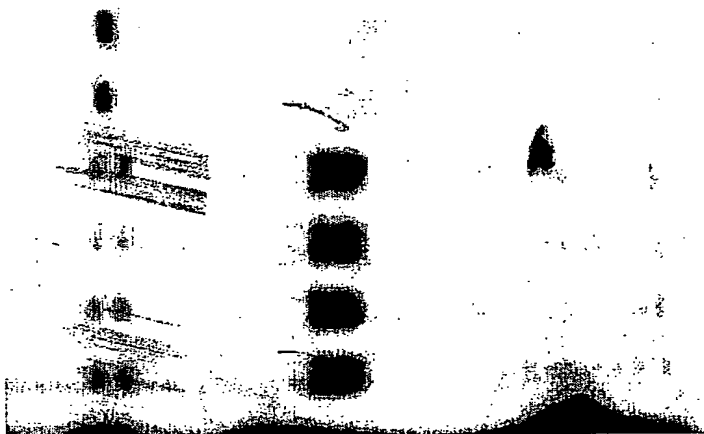


Fig. 25

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